

Vetoflex SN787

Single-component, neutral curing, ready-to-use silicone elastomer



Uses

- A general-purpose silicone sealant that performs well in various applications in all weather conditions.
- Doors and windows caulking.
- Indoor decoration caulking.
- Other construction joint caulking.

Product Description

Vetoflex SN787 is a single-component, neutral curing, antifungal, ready-to-use silicone elastomer. It cures quickly at room temperature in the presence of air moisture to give a flexible and strong seal.

Advantages

- Single-component, medium modulus, and room temperature cure by releasing oxime.
- Thixotropic (non-sag).
- Resistance environmental temperature variation from -50 to +150 °C.
- Good adhesion performance on most materials applications, for example, gives adhesion on most glass, ceramics, steel and wood surfaces, polished aluminum.
- Antifungal.
- Easy to apply.
- Weather resistant.

Standards Compliance

- ASTM C920 type S, Grade NS, Class 20 , Use NT.
- ISO 11600 - F - 20 - E LM.

Technical Data

Vetoflex SN787	Typical values (23°C / 50% RH)
Before Curing	
Type of sealant	Oxime (neutral)
Colors	Translucent, bright white, bright black
Specific gravity, g/cm ³	0.97
Flow resistance, mm	0
Extrusion, g/min	250
Curing	
Skin formation time, min	4
Curing rate, mm / 1 day	2.5
Curing rate, mm / 7 days	8
Application temperature °C	+5 to +40
After Curing	
Shore A Hardness	22
Joint movement capability, %	20
Full Dry Time, days	7
Service temperature °C	-50 to + 150
Elongation at break, %	510
Modulus at 100% elongation, MPa	0.41
Tensile strength, MPa	1.6

Usage Instructions

Joint Dimensions

The movement capability of sealants as well as local regulations must be considered. Joint width should be twice the depth.

Joint Preparation

The joint faces to be bonded must be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Surfaces should be degreased with solvent soaked cloth and then wiped with a clean cloth. To remove dust, use oil-free compressed air.

Priming

For almost substrates, Vetoflex SN787 no need for primer. Whether use primer or not when applied on special substrates, prior test is recommended.

Sealant Application

For good performance it is essential that the sealant is only bonded to the two facing sides of the joint. To achieve this install a backup material (closed cell polyethylene or open cell polyurethane foam). Apply the sealant in a continuous operation making sure all air pockets or voids are eliminated. Tool the sealant with light pressure to spread the material against the joint surfaces.

This operation should be made with a dry spatula before skin formation occurs.

Excess uncured sealant should be wipe Vetoflex SN787 d and cleaned with a commercial solvent, cured sealant can only be removed by scraping (i.e. with a razor blade), or with a special silicone remover product.

Limitations

Vetoflex SN787 must not be used on materials which can bleed certain substances over time, or directly on surfaces which may react with the oxime products released during curing, such as copper and its alloys.

Note: To avoid influence adhesion performance, pls warm the sealant above 5°C before application.

Legal Disclaimer

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Packaging & Coverage

Product	Pack Size
Vetoflex SN787	300 ml/cartridge 24 cartridge/carton

Coverage		
Joint Width (mm)	Joint thickness (mm)	Length Filled / Cartridge (m)
6.0	6.0	8.3
10.0	6.0	5.0
15.0	7.5	2.7
20.0	10.0	1.5
25.0	12.5	1.0

Stated consumptions data are for general guidance. Actual consumption depends on the nature of substrate, method of application and wastage.

Shelf Life & Storage

The original sealed cartridges of Vetoflex SN787 have a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 25°C.

Health & Safety

Vetoflex SN787 is not classified as hazardous.

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological, and other safety-related data.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.